

Converting Colors

Hex(B2FF80)

Have a look what the booklet for
Hex(B2FF80) contains.

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Color

Hex(**B2FF80**)

Conversions

Conversions Part 1

Format	Color
Hex	B2FF80
RGB	178, 255, 128
RGB Percent	70%, 100%, 50%
CMY	0.3020, 0.0000, 0.4980
CMYK	0.30, 0.00, 0.50, 0.00
HSL	96°, 100%, 75%
HSV	96°, 50%, 100%
XYZ	58.0164, 82.5435, 33.2968
YIQ	217.4990, -5.1250, -55.8210

Conversions

Conversions Part 2

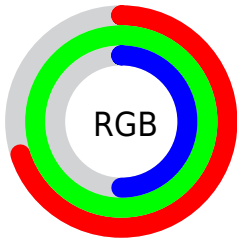
Format	Color
RYB	128, 255, 205
Decimal	11730816
CIELab	92.81, -44.89, 52.87
CIElCh	93, 69.353, 130.334
Yxy	82.5435, 0.3337, 0.4748
Android (android.graphics.Color)	4289920896 (0xFFB2FF80)
YUV	217.4990, -44.1230, -34.6406
Hunter-Lab	90.8534, -45.0086, 41.8683

Details

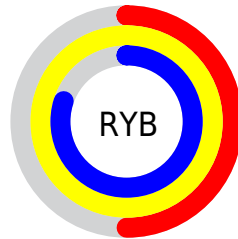
The Hex color **B2FF80** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **CD80FF**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **ECFFB7**, and **79C64B** is the 20% darker color. If you saturate the color by 10%, you get **A3FF67**, and if you desaturate by 10%, it is **C1FF9A**.

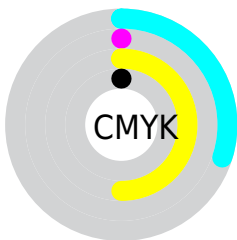
Distribution



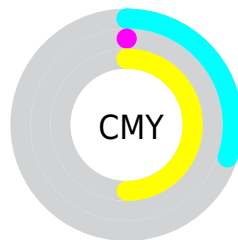
- Red (70%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (80%)



- Cyan (30%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)



- Cyan (30%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Hex color B2FF80 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color B2FF80 by changing the saturation by 10% instead.

 B2FF80

 B2FF80

FFFFFF

 96E265

 ECFFB7

 79C64B

 FFFFD4

 5DAA30

 FFFFF0

 418F10

 227500

 005C00

 004300

 002D00

 001200

 B2FF80

 B2FF80

 A3FF67

 C1FF9A

 93FF4D

 D1FFB3

 84FF33

 E0FFCD

 74FF1A

 F0FFE6

 65FF00

FFFFFF

 64FF00

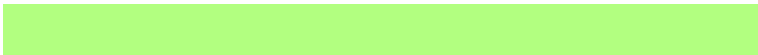
Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FBEE60



B2FF80



40FFBB

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



B2FF80



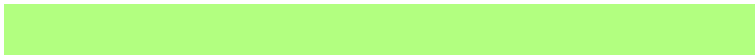
00FEFF



FFB0D6

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



B2FF80



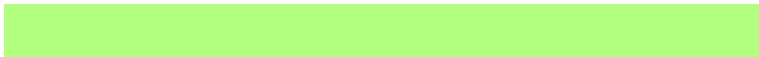
CD80FF

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFB8FF



B2FF80



9FEAFF

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



B2FF80



00FFFF



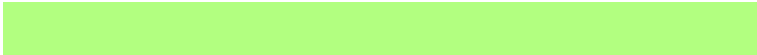
FFCFFF



FFBE97

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



B2FF80



00FFE9



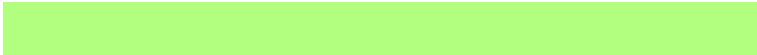
FFCFFF



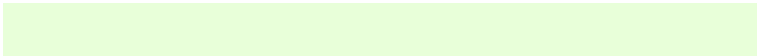
FFB0EC

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



B2FF80



E8FFD9



FFCC80



728069



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



B2FF80



A2FF66



80FF8D



788073



4BBF00



194000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



CD80FF



C366FF



FF80F2



7A7380



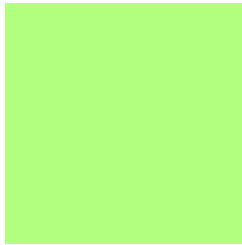
7400BF



270040

Previews

White Background



This preview shows how the Hex color B2FF80 looks on a white background.

Color Contrast Check

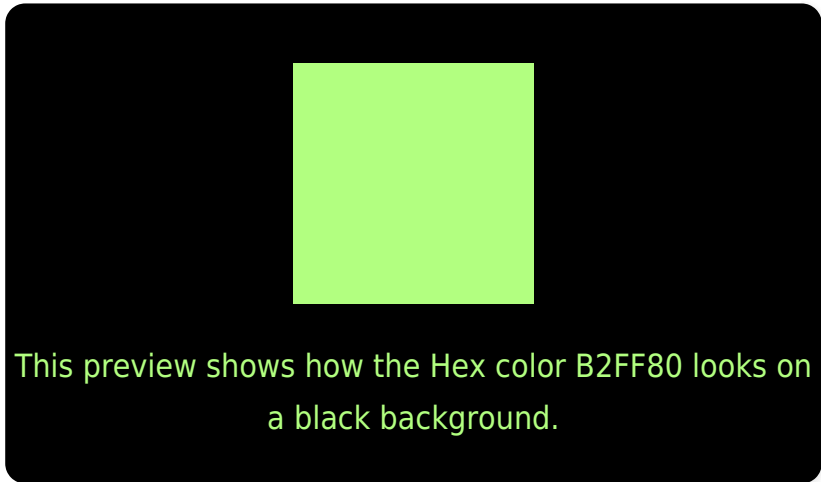
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

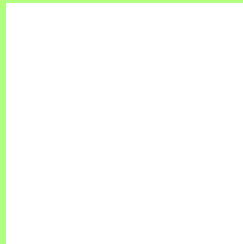
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex B2FF80 Background



This preview shows how black text looks on a background with the Hex color B2FF80.

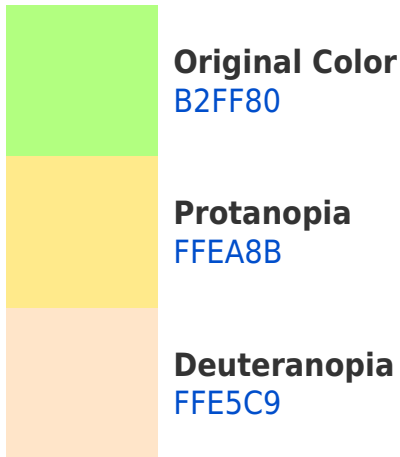


This preview shows how white text looks on a background with the Hex color B2FF80.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

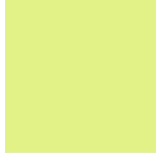
Dichromacy



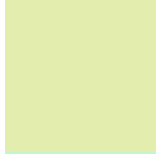
Trichromacy



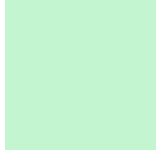
Original Color
B2FF80



Protanomaly
E3F287

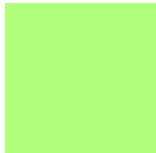


Deuteranomaly
E3EEAE

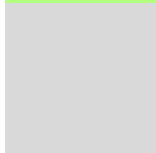


Tritanomaly
C3F5D1

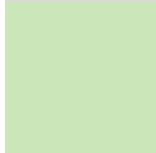
Monochromacy



Original Color
B2FF80



Achromatopsia
D9D9D9



Achromatomaly
CBE7B9

CSS Examples

Text

The CSS property to change the color of the text to Hex B2FF80 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #B2FF80 looks like.

```
.text, #text, p{  
    color:#B2FF80  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #B2FF80 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B2FF80
}
```

Border

The CSS property to change the border of an element to Hex B2FF80 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#B2FF80 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#B2FF80 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #B2FF80 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B2FF80; -webkit-box-shadow:4px 4px  
4px 4px #B2FF80; box-shadow:4px 4px 4px  
4px #B2FF80 }
```

Background

The CSS property to change the background color of an element to Hex B2FF80 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B2FF80 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#B2FF80 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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